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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

SEP 24 1991

OFFICE OF
PESTICIDES AND TOXIC
SUBSTANCESMEMORANDUM

SUBJECT: Methyl Bromide Industry Panel: Response to the
Methyl Bromide Reregistration Standard: Metabolism
Study (No MRID #, DEB # 8601, Barcode No. D168913.).

FROM: R. B. Perfetti, Ph.D., Chemist *R B Perfetti*
Reregistration Section
Chemistry Branch II: Reregistration Support
Health Effects Division (H7509C)

THRU: E. Zager, Chief *E Zager*
Chemistry Branch II: Reregistration Support
Health Effects Division (H7509C)

TO: W. Burnam, Acting Chief
Science Analysis and Coordination Branch
Health Effects Division (H7509C)

and

L. Rossi, Chief
Reregistration Branch
Special Review and Reregistration Division (H7508C)

The Methyl Bromide Industry Panel (MBIP) has submitted additional information on a methyl bromide nature of the residue in plant commodities study submitted and reviewed previously. In that review, CBRS indicated the need for additional information, sample calculations and raw data in order that the values and conclusions presented by the Registrant could be validated.

In response the MBIP has submitted significant additional information as well as sample chromatograms, calculations and raw data. CBRS has reviewed this information and find that it allows the Branch to upgrade this metabolism study to acceptable.



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The Nature of the Residue for MeBr in plant commodities consists of MeBr and a large number of methylated bio-molecules none of which comprise any significant portion of the terminal residue. CBRS recommends that methyl bromide per se be the regulated residue.

If you need additional input please advise.

cc: R. B. Perfetti, J. Burrell (PIB/FOD), Methyl Bromide Reregistration Standard File, Methyl Bromide Subject File, C. Furlow (PIB/FOD), Circ. (7) and RF.